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Nomadic radio: speech and audio interaction for contextual messaging in n Nitin Sawhney, Chris Schmandt

September 2000 ACM Transa

ACM Transactions on Computer-Human Interaction (TOCHI),

Full text available: pdf(648.76 KB)

Additional Information: full citation, abstract, references

Mobile workers need seamless access to communication and information serv solutions overwhelm users with intrusive interfaces and ambiguous notificatio techniques developed for Nomadic Radio, a wearable computing platform for m in a nomadic environment. Nomadic Radio employs an auditory user interface speech synthesis, nonspeech audio ...

Keywords: adaptive interfaces, contextual interfaces, interruptions, nonspeec spatial listening, speech interaction, wearable computing

² Papers: YESSIR: a simple reservation mechanism for the Internet

Ping Pan, Henning Schulzrinne

April 1999 ACM SIGCOMM Computer Communication Review, Volume 29 Iss

Full text available: pdf(1.23 MB)

Additional Information: full citation, abstract, refer

RSVP has been designed to support resource reservation in the Internet. How complexity and scalability. The former results in large message processing ov inefficient firewall processing at the edge of the network. The latter implies th of bandwidth consumed by refresh messages and the storage space that is ne a router are too large. We have devel ...

³ Phoneshell: the telephone as computer terminal

Chris Schmandt

September 1993 Proceedings of the first ACM international conference on Multim

Full text available: pdf(147.72 KB) ps(242.40 KB)

Additional Information: full citation, references,

Keywords: auditory user interface, digitized speech, interactive voice respons

4 Illustrative risks to the public in the use of computer systems and related te Peter G. Neumann

January 1996 AC

ACM SIGSOFT Software Engineering Notes, Volume 21 Issue 1

Full text available: pdf(2.54 MB)

Additional Information: full citation

- An architectural approach to minimizing feature interactions in telecommun Israel Zibman, Carl Woolf, Peter O'Reilly, Larry Strickland, David Willis, John Vis August 1996 IEEE/ACM Transactions on Networking (TON), Volume 4 Issue 4 Full text available: pdf(1.55 MB) Additional Information: full citation, references, index terms
- ⁶ The case for services over cascaded networks

Anthony D. Joseph, B. R. Badrinath, Randy H. Katz

October 1998 Proceedings of the 1st ACM international workshop on Wireless mob

Full text available: pdf(1.08 MB)

Additional Information: full citation, references, citings, index term

7 An audio input-output computer system for medical information
 Michael Otten, Scott I. Allen, Perry Plexico, William C. White
 August 1969 Proceedings of the 1969 24th national conference

Full text available: pdf(754.84 KB)

Additional Information: full citation, abstract, reference

An experimental telephone-based input-output system, using low-cost audio r a medium-sized real-time computer. This system enables update of audio voc terminal, which is a major feature simplifying program and data base modific analog-to-digital converter at the rate of 10,000 samples per second, compre bit per sample, and stored on a ...

The design of an interactive online help desk in the Alexandria Digital Libra Robert Prince, Jianwen Su, Hong Tang, Yonggang Zhao March 1999 ACM SIGSOFT Software Engineering Notes, Proceedings of the intern coordination and collaboration, Volume 24 Issue 2

Full text available: pdf(1.53 MB)

Additional Information: full citation, abstract, referenc

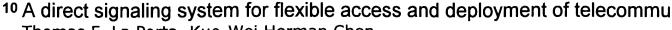
In large software systems such as digital libraries, electronic commerce applic user interface and system are often complex and difficult to navigate. It is ne online support to help users learn how to effectively use these applications. S providing tutorials and animated demonstrations, synchronized activities betw real time instruction ...

Keywords: collaboration, digital library, online help desk, online support, user

Speech and ambiguous input: Mediated voice communication via mobile IF Chris Schmandt, Jang Kim, Kwan Lee, Gerardo Vallejo, Mark Ackerman October 2002 Proceedings of the 15th annual ACM symposium on User interface Full text available: pdf(552.85 KB)
Additional Information: full citation, abstra

Impromptu is a mobile audio device which uses wireless Internet Protocol (IP communication channels. These channels show the richness of IP-based comm mobile telephony, adding audio processing and storage in the network, and fl These channels may be synchronous, asynchronous, or event-triggered, or evuser activity. The demands of these ...

Keywords: audio user interfaces, computer-mediated communication, speech



Thomas F. La Porta, Kuo-Wei Herman Chen

August 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 4

Full text available: pdf(219.51 KB)

Additional Information: full citation, references, index term

Keywords: ISDN, intellignet networks, signaling

11 Interworking between Digital European Cordless Telecommunications and Sudarshan Rao, David J. Goodman, Gregory P. Pollini, Kathleen S. Meier-Hellste February 1995 Wireless Networks, Volume 1 Issue 1

Full text available: pdf(1.01 MB)

Additional Information: full citation, abstract, references.

The Digital European Cordless Telecommunications (DECT) standard specifies infrastructure to transfer information between wireless terminals, and to trans terminal and a fixed network. The Public Switched Telephone Network, the GS Exchanges and mobile data networks are all under investigation as DECT back the future and describe interworking ...

12 Trunking of TDM and narrowband services over IP Networks

James Aweya

January 2003 International Journal of Network Management, Volume 13 Is

Full text available: pdf(418.58 KB)

Additional Information: full citation, abstract, refere

The recent interest in IP as the vehicle for transporting TDM and narrowband a common transport network for voice, video, and data, and the flexibility wit key step in the evolution of networks towards a ' broadband' IP-' graceful' interworking of the IP networks with the existing network switched telephone network. A &l ...

13 Towards junking the PBX: deploying IP telephony

Wenyu Jiang, Jonathan Lennox, Henning Schulzrinne, Kundan Singh

January 2001 Proceedings of the 11th international workshop on Network and ope video

Full text available: pdf(312.40 KB)

Additional Information: full citation, abstract, reference

We describe the architecture and implementation of our Internet teleph ony t departmental PBX (telephone switch). It interworks with the traditional teleph also serves as a corporate or campus infrastructure for existing and future ser media. Initially intended for a few users, it will eventually replace the plain ol cost benefit and new ...

Keywords: PSTN/IP interoperability, SIP, VoIP test-bed, internet telephony de

14 Office Information Systems and Computer Science

Clarence A. Ellis, Gary J. Nutt

January 1980 ACM Computing Surveys (CSUR), Volume 12 Issue 1

Full text available: pdf(2.87 MB) Additional Information: full citation, references, citings, index terms

15 NSF workshop on industrial/academic cooperation in database systems

Mike Carey, Len Seligman

March 1999 ACM ST

ACM SIGMOD Record, Volume 28 Issue 1

Full text available: pdf(1.96 MB)

Additional Information: full citation, index terms

¹⁶ Voice over IP

Upkar Varshney, Andy Snow, Matt McGivern, Christi Howard

January 2002

Communications of the ACM, Volume 45 Issue 1

Full text available: pdf(113.77 KB)

Additional Information: full citation, abstract, reference

How can voice over the Internet claim a greater share of the worldwide phone dominated for more than 100 years by the public-switched telephone network

17 Interpersonal trust and common ground in electronically mediated commun

Steve Greenspan, David Goldberg, David Weimer, Andrea Basso

December 2000 Pro

Proceedings of the 2000 ACM conference on Computer support

Full text available: pdf(222.70 KB)

Additional Information: full citation, abstract, reference

Communication and commerce by web or phone creates benefits and challeng provide convenience and visualization; telephones provide voice and real-tim these experiences, we developed PhoneChannel. Using PhoneChannel, a PC u display visuals on the other person's television. How do these different media recent laboratory study, prospective ho ...

Keywords: WWW, consumers, conversation, telephony, television

¹⁸ Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 Proceedings of the 1997 conference of the Centre for Advanced S

Full text available: pdf(4.21 MB)

Additional Information: full citation, abstract, referen

Understanding distributed applications is a tedious and difficult task. Visualiza often used to obtain a better understanding of the execution of the application event tracer developed at the University of Waterloo. However, these diagram provide the user with the desired overview of the application. In our experien of non-trivial commun ...

19 News on-demand for multimedia networks

Gene Miller, Greg Baber, Mark Gilliland

September 1993 Proceedings of the first ACM international conference on Mu

Full text available: pdf(106.03 KB) ps(1.21 MB)

Additional Information: full citation, r

Keywords: authoring, database, digital video, information service, messaging wideband

²⁰ Capturing, structuring, and representing ubiquitous audio

Debby Hindus, Chris Schmandt, Chris Horner

October 1993 ACM Transactions on Information Systems (TOIS), Volume 11

Full text available: pdf(1.78 MB)

Additional Information: full citation, abstract, references,

Although talking is an integral part of collaboration, there has been little com the contents of conversations. Our approach has focused on ubiquitous audio, interactions in everyday work environments. Speech recognition technology c speech, so the words themselves are not available for organizing the captured int ...

Keywords: audio interactions, collaborative work, multimedia workstation soft telephony, stored speech, ubiquitous computing

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²¹ Level II techn Tim Leehane September 1996	• •		uted computing annual ACM SIGU					ce o	n Us	ser
Full text available:	pdf(5.73 MB)	Additio	onal Information: full cita	ition,	refere	ences	s, inde	ex ter	ms	

²² Designing Leisure Applications for the Mundane Car-Commute

Karl-Petter Dkesson, Andreas Nilsson

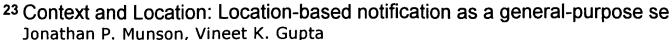
January 2002 Personal and U

Personal and Ubiquitous Computing, Volume 6 Issue 3

Full text available: pdf(229.75 KB)

Additional Information: full citation, abstrac

Commuting by car from home to work can be very time consuming. We have are doing, and want to do, while commuting. People use their time in the car innovation. There was no unanimous activity that everyone wanted, rather a Three different categories of activity were identified which we refer to as mun demonstrate a possible IT serv ...



September 2002 Proceedings of the second international workshop on Mobile Full text available: pdf(190.40 KB)

Additional Information: full citation, abstract, refere

An often-discussed mobile commerce application is proximity-based coupon d notified when a valued customer is within some distance of a retail outlet, up coupon or some notice of a special promotion. We believe that this basic mec application far beyond commercial promotion, and is also of interest for touris public safety. Furthermor ...

Keywords: Pervasive computing, mobile commerce, wireless notification

²⁴ Beyond third generation telecommunications architectures: the convergence telephony

Randy H. Katz

April 1998 ACM SIGMOBILE Mobile Computing and Communications Review, Vo Full text available: pdf(994.41 KB)

Additional Information: fu

²⁵ Multimedia support for wireless W-CDMA with dynamic spreading

Ju Wang, Mehmet Ali Elicin, Jonathan C. L. Liu
Wireless Networks Volume

July 2002 Wireless Networks, Volume 8 Issue 4

Full text available: pdf(289.18 KB)

Additional Information: full citation, abstract, referen

The emerging multimedia communication needs more support in operating sy wireless environment. The system needs to support a seamless integration (i. voice, audio and conventional data (e.g., e-mails, and ftp). It should also sup quality. In this paper, we investigate effective protocol design with dynamic s based on different traffic types can ...

Keywords: admission control protocol, dynamic spreading factors, integrated quality-of-service, wide-band CDMA



Diomidis D. Spinellis

May 2003 Personal and Ubiquitous Computing, Volume 7 Issue 1

Full text available: pdf(488.36 KB)

Additional Information: full citation, abstrac

  The Information Furnace is a basement-installed PC-type device that in infotainment, security and communication technologies to transparently provi modern home contains a large number of sophisticated devices and technolog provided through a wide variety of disparate interfaces. As a result, end users user-interfaces, access modes a ...

Keywords: Automation, Consumer electronics, Home-control, Multi-modal inte

²⁷ Designing audio aura

Elizabeth D. Mynatt, Maribeth Back, Roy Want, Michael Baer, Jason B. Ellis

January 1998 Proceedings of the SIGCHI conference on Human factors in compu

Full text available: pdf(1.14 MB) Additional Information: full citation, references, citings, inde

Keywords: VRML, active badge, audio, auditory icons, augmented reality, awa

²⁸ Mobile computing in next generation wireless networks

Prathima Agrawal, David Famolari

August 1999 Proceedings of the 3rd international workshop on Discrete algorithms communications

Full text available: pdf(1.01 MB)

Additional Information: full citation, references, citing

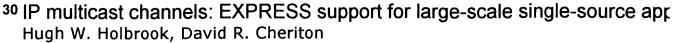
Keywords: IMT-2000, cdma2000, mobile computing, wireless data

²⁹ The broadband Internet: the end of the equal voice?

John B. Morris, Jerry Berman

April 2000 Proceedings of the tenth conference on Computers, freedom and privac Full text available: pdf(121.68 KB)

Additional Information: full citation, references, ind



August 1999 ACM SIGCOMM Computer Communication Review, Proceedings of th architectures, and protocols for computer communication, Volume 2

Full text available: pdf(1.66 MB)

Additional Information: full citation, abstract, references,

In the IP multicast model, a set of hosts can be aggregated into a group of ho can send. However, Internet TV, distance learning, file distribution and other strain the current realization of this model, which lacks a basis for charging, I scale. This paper proposes an extension to IP multicast to support the *channel* realizat ...

31 Composing features and resolving interactions

Jonathan D. Hay, Joanne M. Atlee

November 2000 ACM SIGSOFT Software Engineering Notes , Proceedings of the 8th on Foundations of software engineering: twenty-first century appli Full text available: pdf(1.05 MB)

Additional Information: full citation, abstract, referen

One of the accepted techniques for developing and maintaining treat each feature as a separate concern. However, most feature because they override and extend the same basic service. That features are coupled to one another through the system's basic unrelated features subtly interfere with each other when trying in different directions. The ...

Keywords: conflict resolution, feature interaction, incremental

³² Laboratory for emulation and study of integrated and coordinated media co L. F. Ludwig, D. F. Dunn

August 1987 ACM SIGCOMM Computer Communication Review , Proceedings of th communications technology, Volume 17 Issue 5

Full text available: pdf(1.05 MB)

Additional Information: full citation, abstract, references,

In future telecommunications networks, understanding the issues of user-net (CPE) technologies, services and user applications is as important as the class structure, switching, and transmission. This paper discusses a Bell Communic Media Architecture Laboratory (IMAL), designed to flexibly emulate a wide ran environments with a focus on mul ...

33 Designing a quality voice: an analysis of listeners' reactions to synthetic voi M. B. Rosson, A. J. Cecala

April 1986 ACM SIGCHI Bulletin , Proceedings of the SIGCHI conference on Huma 17 Issue 4

Full text available: pdf(723.22 KB)

Additional Information: full citation, abstract, refer

Eight subjects listened to a set of synthetic voices reflecting a crossing of four and smoothness. The listeners evaluated the voices on sixteen perceptual sca appropriateness for twenty voice-output scenarios. Factor analysis of the perc fullness and clarity. A similar analysis of the appropriateness ratings revealed entertainment and feedback ...

34 W-mail: an electronic mail system for wearable computing environments Hirotaka Ueda, Masahiko Tsukamoto, Shojiro Nishio

August 2000 Proceedings of the sixth annual international conference on Mobile Full text available: pdf(1.99 MB)

Additional Information: full citation, abstract, reference

This paper describes an e-mail system for wearable computing environments. conventional mail format and the server/client(browser) architecture by consi computing environments, i.e., full time operation, hands-free use of compute mail author can specify the behavior of his/her mail by embedding several us specify in the mail various conditi ...

Keywords: e-mail, location dependent service, wearable computing

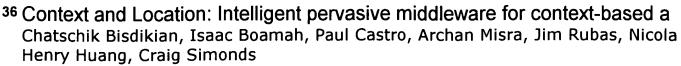
35 Making computers disappear: appliance data services

Andrew C. Huang, Benjamin C. Ling, John Barton, Armando Fox July 2001 Proceedings of the seventh annual international conference on Mobile Full text available: pdf(691.57 KB)

Additional Information: full citation, abstract, re

Digital appliances designed to simplify everyday tasks are reac example, mobile users can retrieve Web content using handhel well-supported by infrastructure services such as transformatic type of support is lacking for input-centric devices, those that a share content. This lack of infrastructural support makes input-less useful. ...

5 of 7 7/8/03 3:20 PM



September 2002 Proceedings of the second international workshop on Mobile Full text available: pdf(565.14 KB)

Additional Information: full citation, abstract, refere

Telematics is arguably the next-wave in mobile computing: with most cars alr computing platforms, we shall witness the development of a variety of mobile commercial potential. Telematics will only become a commercial reality when address significant concerns related to the security and privacy of telematics information from and to a large numb ...

Keywords: pervasive computing, telematics

³⁷ Pen computing: a technology overview and a vision

André Meyer

July 1995 ACM SIGCHI Bulletin, Volume 27 Issue 3

Full text available: pdf(5.14 MB)

Additional Information: full citation, abstract, citing

This work gives an overview of a new technology that is attracting growing in industry itself. The visible difference from other technologies is in the use of a interaction between a user and a machine, picking up the familiar pen and pa set of consequences that will be analyzed and put into context with other eme with a short historic ...

³⁸ Satellite communications systems move into the twenty-first century

Leonard S. Golding

February 1998 Wireless Networks, Volume 4 Issue 2

Full text available: pdf(183.57 KB)

Additional Information: full citation, abstract, ind

This paper discusses the evolution of communication satellite systems and co 1960's to the 1990's. The paper identifies the key attributes of satellite comm and now drives the future directions such systems will take. The paper then d communication satellite systems including DBS, MSS, FSS and hybrid satellite the continued evolution of ...

³⁹ The wireless Net

Dennis Fowler

August 1997 netWorker, Volume 1 Issue 2

Full text available: pdf(566.06 KB) Additional Information: full citation, references, index terms, review



July 2003

Wireless Networks, Volume 9 Issue 4

Full text available: pdf(1.19 MB)

Additional Information: full citation, abstract, referen

The implementation of new mobile communication technologies developed in (3GPP) will allow to access the Internet not only from a PC but also via mobil applications will emerge, combining several basic services like voice telephon web-browsing, and thus wiping out the borders between the fixed telephone n Offering those value-added services ...

Keywords: SIP-Parlay mapping, caller preferences, carrier grade services, net platform

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Chih-Lin I, Gre	gory P. Pollini, I IEEE/ACM Tran	Richard saction	e reverse virtual D. Gitlin s on Networking (itional Information: full cit	TON), \	Volu	me	5 Is	sue			

Keywords: PCS, mobility management, personal communications, reverse virt

42 Experiences with network-based user agents for mobile applications
Thomas F. La Porta, Thomas Woo, Krishan K. Sabnani, Ramachandran Ramjee
August 1998 Mobile Networks and Applications, Volume 3 Issue 2

Full text available: pdf(631.57 KB)

Additional Information: full citation, abstract, refere

Wireless networks are characterized by simple end devices and limited bandw other limitations of the wireless mobile environment that has been widely pur agents, inside the network to assist with application processing that would no agents can additionally manipulate data to reduce bandwidth requirements an and implementation of a user a ...

43 Emerging mobile and wireless networks

Upkar Varshney, Ron Vetter

June 2000 Communications of the ACM, Volume 43 Issue 6

Full text available: pdf(609.43 KB) Additional Information: full citation, references, citings, index terms, review

44 On-ramp prospects for the information superhighway dream: will the goal o carrying a wide variety of data types ever be achieved?

Gordon Bell, Jim Gemmell

July 1996

Communications of the ACM, Volume 39 Issue 7

Full text available: pdf(369.58 KB)

Additional Information: full citation, citings

45 Overlay networks: SOS: secure overlay services

Angelos D. Keromytis, Vishal Misra, Dan Rubenstein

August 2002 Proceedings of the 2002 conference on Applications, technologies, ar communications

Full text available: pdf(210.90 KB)

Additional Information: full citation, abstract, refere

Denial of service (DoS) attacks continue to threaten the reliability of network protecting networks from DoS attacks are reactive in that they wait for an att appropriate measures to protect the network. This leaves the door open for ot methods to mask their traffic. We propose an architecture called Secure Overla DoS attacks, geared toward supportin ...

Keywords: denial of service attacks, network security, overlay networks

46 MEP: a media event platform

Daniel Olsson, Andreas Nilsson

June 2002

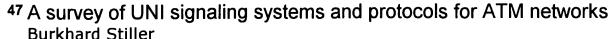
Mobile Networks and Applications, Volume 7 Issue 3

Full text available: pdf(224.85 KB)

Additional Information: full citation, abstract, refere

Popular media events of today are likely to attract a big, live audience. Being example, knowing that the event is broadcast to perhaps millions of people, i of the audience and the complexity of events do not come without drawbacks right spot at the right time and to grasp the essentials of the on goings. We in combines various sources o ...

Keywords: events, media platform, mobile commerce, mobility



April 1995 ACM SIGCOMM Computer Communication Review, Volume 25 Iss Full text available: pdf(1.27 MB) Additional Information: full citation, abstract, citings

The main aspect covered by signaling systems and protocols for ATM network maintain, and control a user-driven communication between arbitrary ATM en The tasks and procedures defined for, e.g., setting-up an ATM connection, are rrelevant specifications of various working bodies (such as ITU-T or ATM-Foru to be done for maintaining ATM connec ...

48 Energy Efficient Systems: Wake on wireless:: an event driven energy savir Eugene Shih, Paramvir Bahl, Michael J. Sinclair

September 2002 Proceedings of the eighth annual international conference on Mo Full text available: pdf(798.63 KB)

Additional Information: full citation, abstract, refere

The demand for an all-in-one phone with integrated personal information man beginning to accelerate. While personal digital assistants (PDAs) with built-in technologies have the ability to serve these needs in a single package, the ra PDA-based phones is very high. Thus, these devices can quickly drain their ow owner. In this paper, we introduce a techni ...

Keywords: low-power radio, power consumption of wireless LANs, wake-on-w

⁴⁹ Using nonspeech sounds to provide navigation cues

Stephen A. Brewster

September 1998 ACM Transactions on Computer-Human Interaction (TOCHI), Full text available: pdf(298.94 KB)

Additional Information: full citation, abstract, references, c

This article describes 3 experiments that investigate the possibility of using st earcons to provide navigational cues in a menu hierarchy. A hierarchy of 27 n earcon for each node. Rules were defined for the creation of hierarchical earco identify their location in the hierarchy by listening to an earcon. Results of th C ...

Keywords: auditory interfaces, earcons, navigation, nonspeech audio, telepho

⁵⁰ Columns: Risks to the public in computers and related systems

Peter G. Neumann

January 2001 ACM SIGSOFT Software Engineering Notes, Volume 26 Issue 1

Full text available: pdf(3.24 MB)

Additional Information: full citation

3 of 6 7/8/03 3:20 PM



David M. Kristol

November 2001 ACM Transactions on Internet Technology (TOIT), Volume

Full text available: pdf(390.38 KB)

Additional Information: full citation, abstract, refere

How did we get from a world where cookies were something you ate and whe cookies" to a world where cookies are a hot-button privacy issue for many com HTTP "cookies" work and how Netscape's original specification evolved into an personal perspective on how what began as a straightforward technical specification when it tried to address nontechn ...

Keywords: Cookies, HTTP, World Wide Web, privacy, state management

52 A survey of routing techniques for mobile communications networks

S. Ramanathan, Martha Steenstrup

October 1996

Mobile Networks and Applications, Volume 1 Issue 2

Full text available: pdf(276.88 KB)

Additional Information: full citation, abstract, reference

Mobile wireless networks pose interesting challenges for routing system desig wireless network, a routing system must be able to accommodate roving user fluctuat- ing link quality. We discuss the impact of node mobility and wireless and we survey the set of techniques employed in or proposed for routing in m

53 Sensing techniques for mobile interaction

Ken Hinckley, Jeff Pierce, Mike Sinclair, Eric Horvitz

November 2000 Proceedings of the 13th annual ACM symposium on User interfac

Full text available: pdf(389.16 KB)

Additional Information: full citation, references, citing

Keywords: context-awareness, input devices, interaction techniques, mobile d sensors

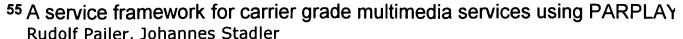
54 Applying packet techniques to cellular radio

N. F. Maxemchuk

December 1999

Wireless Networks, Volume 5 Issue 6

Full text available: pdf(310.07 KB) Additional Information: full citation, references, index terms



July 2001 Proceedings of the first workshop on Wireless mobile internet

Full text available: pdf(713.19 KB)

Additional Information: full citation, abstract, refere

The implementation of new mobile communication technologies developed in (3GPP) will allow to access the Internet not only from a PC but also via mobil applications will emerge, combining several basic services like voice telephon web-browsing, and thus wiping out the borders between the fixed telephone n Offering those value-added s ...

Keywords: SIR-PARLAY mapping, caller preferences, carrier grade services, ne platform

56 Electronic commerce: a half-empty glass?

Sasa Dekleva

June 2000 Communications of the AIS

Full text available: pdf(343.49 KB) Additional Information: full citation, references

⁵⁷ Computer applications in a cable television environment

Howard Buckholtz, Eileen Buckholtz

August 1973 Proceedings of the annual conference

Full text available: pdf(649.01 KB)

Additional Information: full citation, abstract, references, index t

The intention of this paper is to survey the field of cable television and compu

58 Concepts for personal location privacy policies

Einar Snekkenes

October 2001 Proceedings of the 3rd ACM conference on Electronic Comme

Full text available: pdf(245.64 KB)

Additional Information: full citation, abstract, refere

A Location Based Service (LBS) is a service where knowledge of the location o personalise the service. Typical examples include the E911 emergency locatio nearest xx' type of services. However, since these services often may be impl personal information, there are several privacy issues to consider. A key ques location information under which cir ...

Keywords: EDGE, GPRS, GSM, PCS, UMTS, iMode privacy policy

5 of 6 7/8/03 3:20 PM

59 Rethinking the design of the Internet: the end-to-end arguments vs. the bra Marjory S. Blumenthal, David D. Clark

August 2001 ACM Tra

ACM Transactions on Internet Technology (TOIT), Volume 1 Is

Full text available: pdf(176.33 KB)

Additional Information: full citation, abstract, reference

This article looks at the Internet and the changing set of requirements for the more oriented toward the consumer, and used for a wider set of purposes. We guided the design of the Internet, called the end-to-end arguments, and we c of new requirements now emerging could have the consequence of compromi principles. Were ...

Keywords: ISP, Internet, end-to-end argument

⁶⁰ Personality trait attributions to voice mail user interfaces

John P. Chin

April 1996 Conference companion on Human factors in computing systems: comm Full text available: pdf(217.07 KB)

Additional Information: full citation, references, index terms

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41 PCS mobility r Chih-Lin I, Gree	gory P. Pollini, I IEEE/ACM Tran	Richard Insactions		TON	۱), ۱	Volu	me	5 Is	sue	

Keywords: PCS, mobility management, personal communications, reverse virt

42 Experiences with network-based user agents for mobile applications
Thomas F. La Porta, Thomas Woo, Krishan K. Sabnani, Ramachandran Ramjee
August 1998 Mobile Networks and Applications, Volume 3 Issue 2

Full text available: pdf(631.57 KB)

Additional Information: full citation, abstract, refere

Wireless networks are characterized by simple end devices and limited bandw other limitations of the wireless mobile environment that has been widely pur agents, inside the network to assist with application processing that would no agents can additionally manipulate data to reduce bandwidth requirements an and implementation of a user a ...

1 of 6

43 Emerging mobile and wireless networks

Upkar Varshney, Ron Vetter

June 2000 Communications of the ACM, Volume 43 Issue 6

Full text available: pdf(609.43 KB) Additional Information: full citation, references, citings, index terms, review

44 On-ramp prospects for the information superhighway dream: will the goal o carrying a wide variety of data types ever be achieved?

Gordon Bell, Jim Gemmell

July 1996

Communications of the ACM, Volume 39 Issue 7

Full text available: pdf(369.58 KB)

Additional Information: full citation, citings

45 Overlay networks: SOS: secure overlay services

Angelos D. Keromytis, Vishal Misra, Dan Rubenstein

August 2002 Proceedings of the 2002 conference on Applications, technologies, ar communications

Full text available: pdf(210.90 KB)

Additional Information: full citation, abstract, refere

Denial of service (DoS) attacks continue to threaten the reliability of network protecting networks from DoS attacks are reactive in that they wait for an att appropriate measures to protect the network. This leaves the door open for ot methods to mask their traffic. We propose an architecture called Secure Overla DoS attacks, geared toward supportin ...

Keywords: denial of service attacks, network security, overlay networks

⁴⁶ MEP: a media event platform

Daniel Olsson, Andreas Nilsson

June 2002

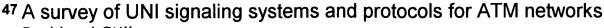
Mobile Networks and Applications, Volume 7 Issue 3

Full text available: pdf(224.85 KB)

Additional Information: full citation, abstract, refere

Popular media events of today are likely to attract a big, live audience. Being example, knowing that the event is broadcast to perhaps millions of people, i of the audience and the complexity of events do not come without drawbacks right spot at the right time and to grasp the essentials of the on goings. We in combines various sources o ...

Keywords: events, media platform, mobile commerce, mobility



Burkhard Stiller

April 1995 ACM SIGCOMM Computer Communication Review, Volume 25 Iss Full text available: pdf(1.27 MB) Additional Information: full citation, abstract, citings

The main aspect covered by signaling systems and protocols for ATM network maintain, and control a user-driven communication between arbitrary ATM en The tasks and procedures defined for, e.g., setting-up an ATM connection, are rrelevant specifications of various working bodies (such as ITU-T or ATM-Foru to be done for maintaining ATM connec ...

48 Energy Efficient Systems: Wake on wireless:: an event driven energy savir Eugene Shih, Paramvir Bahl, Michael J. Sinclair

September 2002 Proceedings of the eighth annual international conference on Mo Full text available: pdf(798.63 KB)

Additional Information: full citation, abstract, refere

The demand for an all-in-one phone with integrated personal information man beginning to accelerate. While personal digital assistants (PDAs) with built-in technologies have the ability to serve these needs in a single package, the ra PDA-based phones is very high. Thus, these devices can quickly drain their ow owner. In this paper, we introduce a techni ...

Keywords: low-power radio, power consumption of wireless LANs, wake-on-w

49 Using nonspeech sounds to provide navigation cues

Stephen A. Brewster

September 1998 ACM Transactions on Computer-Human Interaction (TOCHI),
Full text available: pdf(298.94 KB)
Additional Information: full citation, abstract, references, c

This article describes 3 experiments that investigate the possibility of using st earcons to provide navigational cues in a menu hierarchy. A hierarchy of 27 n earcon for each node. Rules were defined for the creation of hierarchical earco identify their location in the hierarchy by listening to an earcon. Results of th C ...

Keywords: auditory interfaces, earcons, navigation, nonspeech audio, telepho

⁵⁰ Columns: Risks to the public in computers and related systems

Peter G. Neumann

January 2001 ACM SIGSOFT Software Engineering Notes, Volume 26 Issue 1

Full text available: pdf(3.24 MB)

Additional Information: full citation



David M. Kristol

November 2001 ACM Transactions on Internet Technology (TOIT), Volume

Full text available: pdf(390.38 KB)

Additional Information: full citation, abstract, refere

How did we get from a world where cookies were something you ate and whe cookies" to a world where cookies are a hot-button privacy issue for many com HTTP "cookies" work and how Netscape's original specification evolved into an personal perspective on how what began as a straightforward technical specification when it tried to address nontechn ...

Keywords: Cookies, HTTP, World Wide Web, privacy, state management

52 A survey of routing techniques for mobile communications networks

S. Ramanathan, Martha Steenstrup

October 1996

Mobile Networks and Applications, Volume 1 Issue 2

Full text available: pdf(276.88 KB)

Additional Information: full citation, abstract, reference

Mobile wireless networks pose interesting challenges for routing system desig wireless network, a routing system must be able to accommodate roving user fluctuat- ing link quality. We discuss the impact of node mobility and wireless and we survey the set of techniques employed in or proposed for routing in m

53 Sensing techniques for mobile interaction

Ken Hinckley, Jeff Pierce, Mike Sinclair, Eric Horvitz

November 2000 Proceedings of the 13th annual ACM symposium on User interfac

Full text available: pdf(389.16 KB)

Additional Information: full citation, references, citing

Keywords: context-awareness, input devices, interaction techniques, mobile d sensors

54 Applying packet techniques to cellular radio

N. F. Maxemchuk

December 1999

Wireless Networks, Volume 5 Issue 6

Full text available: pdf(310.07 KB) Additional Information: full citation, references, index terms

55 A service framework for carrier grade multimedia services using PARPLAY Rudolf Pailer, Johannes Stadler

July 2001

Proceedings of the first workshop on Wireless mobile internet

Full text available: pdf(713.19 KB)

Additional Information: full citation, abstract, refere

The implementation of new mobile communication technologies developed in (3GPP) will allow to access the Internet not only from a PC but also via mobil applications will emerge, combining several basic services like voice telephon web-browsing, and thus wiping out the borders between the fixed telephone n Offering those value-added s ...

Keywords: SIR-PARLAY mapping, caller preferences, carrier grade services, ne platform

56 Electronic commerce: a half-empty glass?

Sasa Dekleva

June 2000

Communications of the AIS

Full text available: pdf(343.49 KB) Additional Information: full citation, references

57 Computer applications in a cable television environment

Howard Buckholtz, Eileen Buckholtz

August 1973

Proceedings of the annual conference

Full text available: pdf(649.01 KB)

Additional Information: full citation, abstract, references, index t

The intention of this paper is to survey the field of cable television and compu

58 Concepts for personal location privacy policies

Einar Snekkenes

October 2001

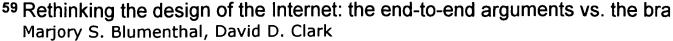
Proceedings of the 3rd ACM conference on Electronic Comme

Full text available: pdf(245.64 KB)

Additional Information: full citation, abstract, refere

A Location Based Service (LBS) is a service where knowledge of the location o personalise the service. Typical examples include the E911 emergency locatio nearest xx' type of services. However, since these services often may be impl personal information, there are several privacy issues to consider. A key ques location information under which cir ...

Keywords: EDGE, GPRS, GSM, PCS, UMTS, iMode privacy policy



August 2001 ACM Transactions on Internet Technology (TOIT), Volume 1 Is

Additional Information: full citation, abstract, reference

This article looks at the Internet and the changing set of requirements for the more oriented toward the consumer, and used for a wider set of purposes. We guided the design of the Internet, called the end-to-end arguments, and we c of new requirements now emerging could have the consequence of compromi principles. Were ...

Keywords: ISP, Internet, end-to-end argument

⁶⁰ Personality trait attributions to voice mail user interfaces

John P. Chin

April 1996 Conference companion on Human factors in computing systems: comm Full text available: pdf(217.07 KB)

Additional Information: full citation, references, index terms

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